PATEMENTER 1600/2900 2173-0120P

IN THE U.S. PATENT TRADEMARK OFFICE

NOV 1 3 2000

Applicant:

Keiji ENDO et

Appl. No.:

09/590,375

Filed:

For:

June 9, 2000

MUTANT ALPHA-AMYLASES

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1643

Examiner: UNASSIGNED

INFORMATION DISCLOSURE STATEMENT

(SUBMISSION AFTER FILING OF AN APPLICATION BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents Washington, DC 20231

November 13, 2000

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- Submitted herewith is a legible copy of (i) each a. \boxtimes U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

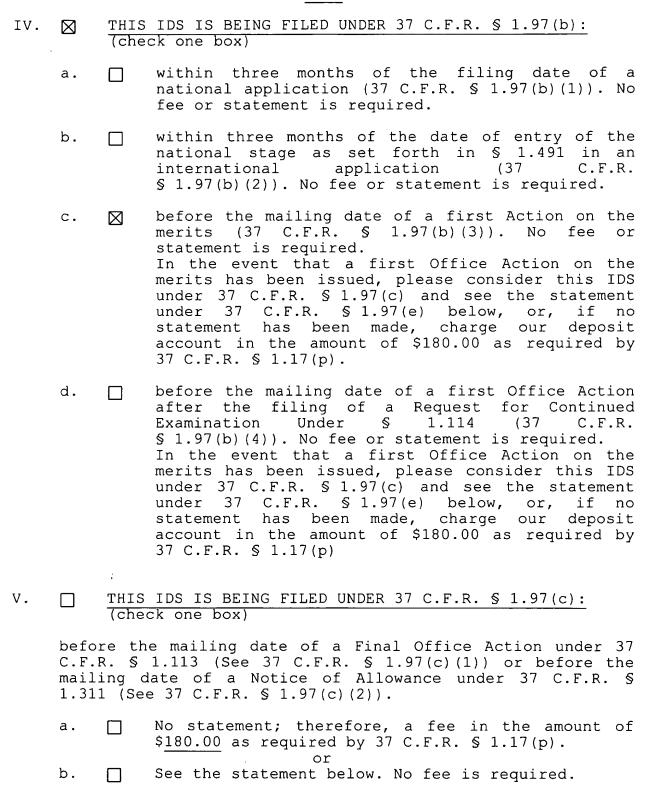
An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. M OTHER

The following additional information is provided for the Examiner's consideration.

The references listed on the PTO 1449 are found in the Background of the Invention.

FEES



STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box) VI. The undersigned hereby states that each item of information contained in the IDS was a. cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or no item of information contained in the IDS was b. cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. Some of the items of information were cited in a c. \Box communication from a foreign Patent Office. As to information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. VII. PAYMENT OF FEES (check one box) A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee. Please charge Deposit Account No. 02-2448 in the \Box amount required by 37 C.F.R. § 1.17(p) for the aboveindicated fee. A triplicate copy of this paper is attached.

No fee is required.

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If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.



Respectfully submitted,

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Ву

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2173-0120P Enclosures:

JWB/qh

□ PTO-1449

□ Documents

□ Foreign Search Report

□ Fee

Other:

(Rev. 11/06/2000)